

WHAT IS CLAIMED IS:

1. A voice signature transaction system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, wherein

5 (A) said user terminal comprises a voice input unit for inputting voice data, and wherein

(B) said server comprises a sending/receiving unit, an allocating unit, a storage unit, and a checking unit, wherein

(B1) said sending/receiving unit

10 (B11) sends product and service transaction information to said user terminal when accessed by said user terminal,

(B12) receives order data including data on a product or a service and a user name, said product or service being specified on said user terminal receiving the transaction information and being specified
15 from products and services included in the transaction information,

(B13) sends order ID request information to said user terminal, said order ID request information requesting a signature of an order ID of the order data via voice, said order ID being allocated by said allocating unit in response to the order data,

20 (B14) receives order ID voice data that is input, via voice, on said user terminal receiving the order ID request information,

(B15) sends name request information to said user terminal when the order ID included in the received order ID voice data matches the allocated order ID, said name request information requesting to

25 input, via voice, a signature of a name of a user who has placed the order,

(B16) receives name voice data that is input, via voice, on said user terminal receiving the name request information, and

(B17) sends acceptance information to said user terminal when
30 the name included in the received name voice data matches the name included in the order data, said acceptance information indicating that the order data, the order ID voice data, and the name voice data have been accepted, wherein

(B2) said allocating unit allocates the order ID to the order
35 data, wherein

(B3) said storage unit stores the order data as well as the order ID voice data and the name voice data that are related to the order data and stores the transaction information, and wherein

(B4) said checking unit

40 (B41) checks if the order ID included in the received order ID voice data matches the allocated order ID, and

(B42) checks if the name included in the received name voice data matches the name included in the order data.

2. The voice signature transaction system as defined by claim 1 wherein

(B1) the sending/receiving unit of said server further sends date/time request information to said user terminal when the name
5 included in the received name voice data matches the name included in the order data, said date/time request information requesting to input,

via voice, an order date/time, and

receives date/time voice data that is input, via voice, on said user terminal receiving the date/time request information, and

10 (B3) the storage unit of said server further stores the date/time voice data related to the order data.

3. The voice signature transaction system as defined by claim 1 wherein

the checking unit of said server further checks if a voiceprint of the received order ID voice data matches a voiceprint of the received
5 name voice data and/or date/time voice data, and

the sending/receiving unit of said server further sends the acceptance information to said user terminal when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

4. The voice signature transaction system as defined by claim 2 wherein

the checking unit of said server further checks if a voiceprint of the received order ID voice data matches a voiceprint of the received
5 name voice data and/or date/time voice data, and

the sending/receiving unit of said server further sends the acceptance information to said user terminal when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

5. The voice signature transaction system as defined by claim 1 wherein

the sending/receiving unit of said server sends

the order ID request information or the name request
 5 information again when the checking unit did not find a match in the
 order IDs, in the names, or in the voiceprints, and

information indicating that the order data is not accepted when
 the checking unit did not find a match in the order IDs, in the names, or
 in the voiceprints after the order ID request information or the name
 10 request information is sent a specified number of times.

6. The voice signature transaction system as defined by claim 1,
 wherein said server further comprises output unit outputting a voice of
 the voice data stored in the storage unit.

7. The voice signature transaction system as defined by claim 1,
 wherein said user terminal is a cellular phone and wherein said data
 network includes a wireless base station capable of making a wireless
 connection to the cellular phone.

8. A voice signature transaction method for use in a system
 comprising a user terminal used by a user, a server used by a person
 providing products or services, and a data network connecting the user
 terminal and the server for conducting a product or service transaction,
 5 said method comprising the steps by said server of:

(a) sending product and service transaction information to
 said user terminal when accessed by said user terminal;

(b) receiving order data including data on a product or a
 service and a user name, said product or service being specified on said
 10 user terminal receiving the transaction information and being specified

from products and services included in the transaction information;

(c) storing the received order data;

(d) allocating an order ID to the order data in response to the order data;

15 (e) sending order ID request information to said user terminal, said order ID request information requesting a signature of the order ID of the order data via voice;

(f) receiving order ID voice data that is input, via voice, on said user terminal receiving the order ID request information;

20 (g) storing the order ID voice data related to the order data;

(h) checking if the received order ID voice data matches the allocated order ID;

(i) sending name request information to said user terminal when the order ID included in the received order ID voice data matches
25 the allocated order ID, said name request information requesting to input, via voice, a signature of a name of a user who has placed the order;

(j) receiving name voice data that is input, via voice, on said user terminal receiving the name request information;

30 (k) checking if the name included in the received name voice data matches the name included in the order data; and

(l) sending acceptance information to said user terminal when the name included in the received name voice data matches the name included in the order data, said acceptance information indicating
35 that the order data, the order ID voice data, and the name voice data

have been accepted.

9. The voice signature transaction method as defined by claim 7, further comprising the steps, before the acceptance information is sent said user terminal, by said server of:

(m) sending date/time request information to said user
5 terminal when the name included in the received name voice data matches the name included in the order data, said date/time request information requesting to input, via voice, an order date/time;

(n) receiving date/time voice data that is input, via voice, on said user terminal receiving the date/time request information; and

10 (o) storing the date/time voice data related to the order data.

10. The voice signature transaction method as defined by claim 8, further comprising the steps by said server of:

(p) checking if a voiceprint of the received order ID voice data matches a voiceprint of the received name voice data and/or
5 date/time voice data, and

(q) sending the acceptance information to said user terminal when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

11. The voice signature transaction method as defined by claim 9, further comprising the steps by said server of:

(p) checking if a voiceprint of the received order ID voice data matches a voiceprint of the received name voice data and/or
5 date/time voice data, and

(q) sending the acceptance information to said user terminal

when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

12. The voice signature transaction method as defined by claim 8, further comprising the steps by said server of:

(r) sending the order ID request information or the name request information again when the checking unit did not find a match in
5 the order IDs, in the names, or in the voiceprints, and

(s) sending information indicating that the order data is not accepted when the checking unit did not find a match in the order IDs, in the names, or in the voiceprints after the order ID request information or the name request information is sent a specified number of times.

13. The voice signature transaction method as defined by claim 8, further comprising the step by said server of outputting a voice of the stored voice data.

14. The voice signature transaction method as defined by claim 8, wherein said user terminal is a cellular phone and wherein said data network includes a wireless base station capable of making a wireless connection to the cellular phone.

15. A computer-readable program for use in a system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, said
5 program causing said server to perform the steps of:

sending product and service transaction information to said user terminal when accessed by said user terminal;

receiving order data including data on a product or a service
and a user name, said product or service being specified on said user
10 terminal receiving the transaction information and being specified from
products and services included in the transaction information;

storing the received order data;

allocating an order ID to the order data in response to the order
data;

15 sending order ID request information to said user terminal,
said order ID request information requesting a signature of the order ID
of the order data via voice;

receiving order ID voice data that is input, via voice, on said
user terminal receiving the order ID request information;

20 storing the order ID voice data related to the order data;

checking if the received order ID voice data matches the
allocated order ID;

sending name request information to said user terminal when
the order ID included in the received order ID voice data matches the
25 allocated order ID, said name request information requesting to input,
via voice, a signature of a name of a user who has placed the order;

receiving name voice data that is input, via voice, on said user
terminal receiving the name request information;

checking if the name included in the received name voice data
30 matches the name included in the order data; and

sending acceptance information to said user terminal when the
name included in the received name voice data matches the name

included in the order data, said acceptance information indicating that the order data, the order ID voice data, and the name voice data have
 35 been accepted.

16. The computer-readable program as defined by claim 15, wherein, before the acceptance information is sent said user terminal, said program further causes said server to perform the steps of:

5 sending date/time request information to said user terminal when the name included in the received name voice data matches the name included in the order data, said date/time request information requesting to input, via voice, an order date/time;

receiving date/time voice data that is input, via voice, on said user terminal receiving the date/time request information; and

10 storing the date/time voice data related to the order data.

17. The computer-readable program as defined by claim 15, wherein said program further causes said server to perform the steps of:

5 checking if a voiceprint of the received order ID voice data matches a voiceprint of the received name voice data and/or date/time voice data, and

sending the acceptance information to said user terminal when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

18. The computer-readable program as defined by claim 16, wherein said program further causes said server to perform the steps of:

checking if a voiceprint of the received order ID voice data matches a voiceprint of the received name voice data and/or date/time

5 voice data, and

sending the acceptance information to said user terminal when the voiceprint of the received order ID voice data matches the voiceprint of the received name voice data and/or date/time voice data.

19. The computer-readable program as defined by claim 15, wherein said program further causes said server to perform the steps of:

5 sending the order ID request information or the name request information again when the checking unit did not find a match in the order IDs, in the names, or in the voiceprints, and

sending information indicating that the order data is not accepted when the checking unit did not find a match in the order IDs, in the names, or in the voiceprints after the order ID request information or the name request information is sent a specified number of times.

20. The computer-readable program as defined by claim 15, wherein said program further causes said server to output a voice of the stored voice data.

21. The computer-readable program as defined by claim 15, wherein said user terminal is a cellular phone and wherein said data network includes a wireless base station capable of making a wireless connection to the cellular phone.

22. The computer-readable medium carrying thereon said program as defined in claim 15